

Points of Pride-UAM School of Math and Sciences

Since 2000, the School of Math and Sciences:

- Produced 35 math teachers
- Produced 25 science teachers
- Have had 23 students accepted to medical/D.O. school
- Have had 30 students accepted to pharmacy school
- Have had 9 students accepted to dental school
- Have had more than 30 students accepted into allied health, nursing, optometry, physical therapy, and other specialty health care programs
- Have had 13 students enter graduate programs in biology
- Have had 17 students enter graduate programs in chemistry
- Have had 12 students enter graduate programs in mathematics
- Have had more than 25 students employed in science technology fields
- Have had two students win the Distinguished Doctoral Fellowship graduate student award at the University of Arkansas (one in chemistry, one in biology)
- Produced 9 of the 13 Alpha Chi Teacher of the Year winners
- Produced 8 of the 12 Alpha Chi Rookie of the Year winners
- Received over \$622,000 National Science Foundation grants
 - \$304,023 to start a STEM program for minority students (M. Bramlett & M. Fawley, Co PI)
 - \$152,273 to study Diversity and Classification of poorly known Algal Class Eustigmatophyceae (K. Fawley, PI, M. Fawley, Co PI)
 - \$165,796 to study Synthesis and Characterization of Doped Conductive Co-Polymers (R. McConnell, PI)

In the past year, the School of Math and Sciences :

- Had 13 out of 15 applicants accepted to pharmacy school (12 attended)
- Had 2 out of 2 applicants accepted to medical school (1 attended)
- Had 7 students accepted into graduate programs
- Had 12 externally funded grants totaling approximately \$100,000
- Produced 12 scientific publications in refereed journals
- Had 29 presentations by students and faculty at professional meetings
- Had two of the three faculty finalist for the Hornaday Outstanding Faculty award
- Had approximately 500 youth visit the Turner Neal Museum and Pomeroy Planetarium
- Had five students receive externally funded summer research fellowships
- Formed a university funded minority STEM program (previously grant funded) that has been very successful in placing students into summer research programs and graduate programs.
- Had 30 students involved with undergraduate research
- Worked closely with Education Renewal Zone project in the School of Education to provide six Advanced Placement test preparation programs to approximately 500 students from southeast Arkansas Schools

Other highlights:

- Since the Biochemistry degree was formed, 20 have completed that degree. Fifteen of the 20 are in Medical School, Pharmacy School, or a graduate program. Fifteen of the 20, are Biology/Biochemistry double majors, with 11 of those 15 being in medical school, pharmacy school, or graduate program.
- A paper co-authored by Marvin Fawley in 2010 published in *Journal of Phycology* was selected as the Most Outstanding Journal Article of the Year.
- A computer cluster, consisting of 24 independent processors, was built by Juan Serna and is being used in research, and to train students in computational physics.